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### AMENDMENTS TO THE CLAIMS

1. **(Original)** A human monoclonal antibody that binds to MCP-1 and comprises a heavy chain amino acid having a sequence selected from the group consisting of SEQ ID NOS: 2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82, 86, 90, 94, 98, 102, 106, 110, 114, 118, 122, 126, 130, 134, 138, 142 and 146.

2. **(Original)** The antibody of Claim 1, further comprising a light chain amino acid having a sequence selected from the group consisting of SEQ ID NOS: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 84, 88, 92, 96, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144 and 148.

3. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:2 and the light chain amino acid comprises the sequence of SEQ ID NO:4.

4. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:6 and the light chain amino acid comprises the sequence of SEQ ID NO:8.

5. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:10 and the light chain amino acid comprises the sequence of SEQ ID NO:12.

6. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:14 and the light chain amino acid comprises the sequence of SEQ ID NO:16.

7. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:18 and the light chain amino acid comprises the sequence of SEQ ID NO:20.

8. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:22 and the light chain amino acid comprises the sequence of SEQ ID NO:24.

9. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:26 and the light chain amino acid comprises the sequence of SEQ ID NO:28.

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10. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:30 and the light chain amino acid comprises the sequence of SEQ ID NO:32.

11. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:34 and the light chain amino acid comprises the sequence of SEQ ID NO:36.

12. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:38 and the light chain amino acid comprises the sequence of SEQ ID NO:40.

13. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:42 and the light chain amino acid comprises the sequence of SEQ ID NO:44.

14. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:46 and the light chain amino acid comprises the sequence of SEQ ID NO:48.

15. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:50 and the light chain amino acid comprises the sequence of SEQ ID NO:52.

16. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:54 and the light chain amino acid comprises the sequence of SEQ ID NO:56.

17. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:58 and the light chain amino acid comprises the sequence of SEQ ID NO:60.

18. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:62 and the light chain amino acid comprises the sequence of SEQ ID NO:64.

19. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:66 and the light chain amino acid comprises the sequence of SEQ ID NO:68.

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20. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:70 and the light chain amino acid comprises the sequence of SEQ ID NO:72.

21. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:74 and the light chain amino acid comprises the sequence of SEQ ID NO:76.

22. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:78 and the light chain amino acid comprises the sequence of SEQ ID NO:80.

23. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:82 and the light chain amino acid comprises the sequence of SEQ ID NO:84.

24. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:86 and the light chain amino acid comprises the sequence of SEQ ID NO:88.

25. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:90 and the light chain amino acid comprises the sequence of SEQ ID NO:92.

26. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:94 and the light chain amino acid comprises the sequence of SEQ ID NO:96.

27. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:98 and the light chain amino acid comprises the sequence of SEQ ID NO:100.

28. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:102 and the light chain amino acid comprises the sequence of SEQ ID NO:104.

29. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:106 and the light chain amino acid comprises the sequence of SEQ ID NO:108.

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30. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:110 and the light chain amino acid comprises the sequence of SEQ ID NO:112.

31. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:114 and the light chain amino acid comprises the sequence of SEQ ID NO:116.

32. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:116 and the light chain amino acid comprises the sequence of SEQ ID NO:118.

33. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:118 and the light chain amino acid comprises the sequence of SEQ ID NO:120.

34. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:122 and the light chain amino acid comprises the sequence of SEQ ID NO:124.

35. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:126 and the light chain amino acid comprises the sequence of SEQ ID NO:128.

36. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:130 and the light chain amino acid comprises the sequence of SEQ ID NO:132.

37. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:134 and the light chain amino acid comprises the sequence of SEQ ID NO:136.

38. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:138 and the light chain amino acid comprises the sequence of SEQ ID NO:140.

39. (Original) The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:142 and the light chain amino acid comprises the sequence of SEQ ID NO:144.

40. **(Original)** The human monoclonal antibody of Claim 2, wherein the heavy chain amino acid comprises the sequence of SEQ ID NO:146 and the light chain amino acid comprises the sequence of SEQ ID NO:148.

41. **(Original)** An antibody immobilized on an insoluble matrix, wherein the antibody is the antibody of Claim 2.

42. **(Withdrawn)** An improved method for assaying the level of monocyte chemo-attractant protein (MCP-1) in a patient sample, wherein said improved method comprises the use of the anti-MCP-1 antibody of Claim 2 for detection of the level of MCP-1 in the assay of a patient sample.

43. **(Withdrawn)** A method according to Claim 42 wherein the patient sample is blood.

44. **(Original)** A composition, comprising the antibody or fragment thereof of Claim 2, and a pharmaceutically acceptable carrier.

45. **(Withdrawn)** A method of effectively treating a neoplastic disease, comprising:  
selecting an animal in need of treatment for a neoplastic disease;  
administering to said animal a therapeutically effective dose of a fully human monoclonal antibody that specifically binds to monocyte chemo-attractant protein (MCP-1).

46. **(Withdrawn)** The method of claim 45, wherein said neoplastic disease is selected from the group consisting of: breast cancer, ovarian cancer, bladder cancer, lung cancer, glioblastoma, stomach cancer, endometrial cancer, kidney cancer, colon cancer, pancreatic cancer, and prostate cancer.

47. **(Withdrawn)** A method of effectively treating inflammatory conditions, comprising:

selecting an animal in need of treatment for an inflammatory condition;  
administering to said animal a therapeutically effective dose of a fully human monoclonal antibody that specifically binds to monocyte chemo-attractant protein (MCP-1).

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48. ~~(Withdrawn)~~ The method of claim 47, wherein said inflammatory condition is selected from the group consisting of: rheumatoid arthritis, glomerulonephritis, atherosclerosis, psoriasis, restenosis, autoimmune disease, and multiple sclerosis.

49. (New) The human monoclonal antibody of Claim 2, wherein the monoclonal antibody is monoclonal antibody 3.11.1 or 3.11.2.

50. (New) A human monoclonal antibody that cross-competes for binding to MCP-1 with fully human monoclonal antibody 3.11.1 or 3.11.2.

51. (New) A human monoclonal antibody that binds to the sequence ISVQRLASYRRITSSK.

52. (New) The antibody of Claim 51, wherein the antibody is monoclonal antibody 3.11.1 or 3.11.2.